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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/075,135	11/20/2001	Philip Leslie Wood	78104.035	8610

7590 04/14/2003

DEWITT ROSS & STEVENS S.C.
Firststar Financial Centre
Suite 401
8000 Excelsior Drive
Madison, WI 53717-1914

EXAMINER

COOLEY, CHARLES E

ART UNIT

PAPER NUMBER

1723

DATE MAILED: 04/14/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No. 10/075,135	Applicant(s) Wood
Examiner Charles Cooley	Art Unit 1723

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on _____.

2a) This action is FINAL. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-17 is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-17 is/are rejected.

7) Claim(s) _____ is/are objected to.

8) Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on _____ is: a) approved b) disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some* c) None of:

- Certified copies of the priority documents have been received.
- Certified copies of the priority documents have been received in Application No. _____.
- Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
a) The translation of the foreign language provisional application has been received.

15) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____

4) Interview Summary (PTO-413) Paper No(s). _____
5) Notice of Informal Patent Application (PTO-152)
6) Other: _____

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OFFICE ACTION

1. This application has been assigned to Technology Center 1700, Art Unit 1723

and the following will apply for this application:

a. Please direct all written correspondence with the correct application

serial number for this application to Art Unit 1723.

b. Telephone inquiries regarding this application should be directed to the Technology Center 1700 receptionist at ~~(703)~~ 308-0651 or to the Examiner at ~~(703)~~ 308-0112. Official facsimile correspondence filed before a final office action should be transmitted to ~~(703)~~ 872-9310. Official facsimile correspondence which responds to a final office action should be transmitted to ~~(703)~~ 872-9311. All *post-allowance* papers (e.g., Information Disclosure Statements, Rule 312 Amendments, petitions, etc.) should be mailed to **Box Issue Fee** or submitted via facsimile to ~~(703)~~ 308-5864.

Drawings

2. Applicant should verify that (1) all reference characters in the drawings are described in the detailed description portion of the specification and (2) all reference characters mentioned in the specification are included in the appropriate drawing Figure(s) as required by 37 CFR 1.84(p)(5).

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Specification

3. The specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.
4. The abstract is acceptable.
5. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed (MPEP 606.01).

Claim Rejections - 35 U.S.C. § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7. Claims 1, 3, 5, 6, 8, 10, 12, and 13 are rejected under 35 U.S.C. § 102(b) as

being anticipated by Drager et al. (USP 4,711,402).

The patent to Drager et al. (USP 4,711,402) discloses a central guide shaft or rotor 5; orbitally arranged and rotatable bobbins 9; the guide shaft or rotor 5 being inherently coupled to a drive means such that the bobbins 9 are driven in an orbital fashion; support member 1; the support member 1 being a drum with a cylindrical inner surface (Fig. 2); the bobbins disposed on bearings 8.

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8. Claims 1-17 are rejected under 35 U.S.C. § 102(b) as being anticipated by SU 1242241.

SU 1242241 discloses a central guide shaft or rotor 3; orbitally arranged and rotatable bobbins 6; the guide shaft or rotor 3 being coupled to a drive means 1 such that the bobbins 6 are driven in an orbital fashion; rotatable support member 2; the support member 2 being a drum with a cylindrical inner surface (Fig. 2) and coupled to the drive means 1; the bobbins disposed on bearings (proximate 7) to facilitate rotation thereof; the bobbins 6 having fluid carrying passages as seen in Figs. 1-3.

9. Claims 1-17 are rejected under 35 U.S.C. § 102(b) as being anticipated by SU 1373451.

SU 1373451 discloses a central guide shaft or rotor (below 13 in Fig. 1); orbitally arranged and rotatable bobbins 4; the guide shaft or rotor being coupled to a drive means 1 (Fig. 1) such that the bobbins 4 are driven in an orbital fashion; rotatable support member 2; the support member 2 being a drum with a cylindrical inner surface (Fig. 2) and coupled to the drive means 1; the bobbins inherently disposed on bearings to facilitate rotation thereof; the bobbins 4 having fluid carrying passages as seen in Figs. 1-2.

Conclusion

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

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The cited prior art discloses devices with orbitally driven members.

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Charles Cooley whose telephone number is **¶ (703) 308-0112.**

12. Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center 1700 receptionist whose telephone number is **¶ (703) 308-0651.**



Dated: **9 April 2003**

Charles Cooley
Primary Examiner
Art Unit 1723